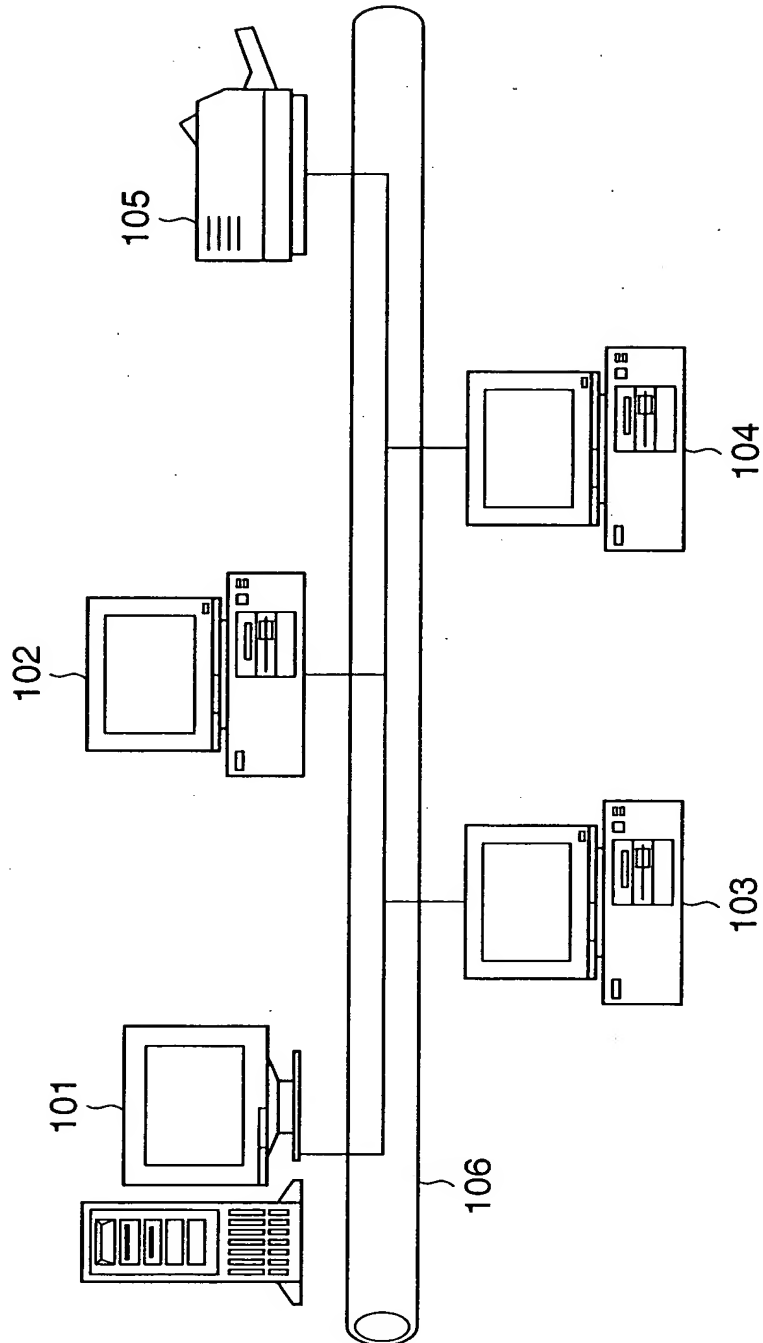


FIG. 1



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FIG. 2

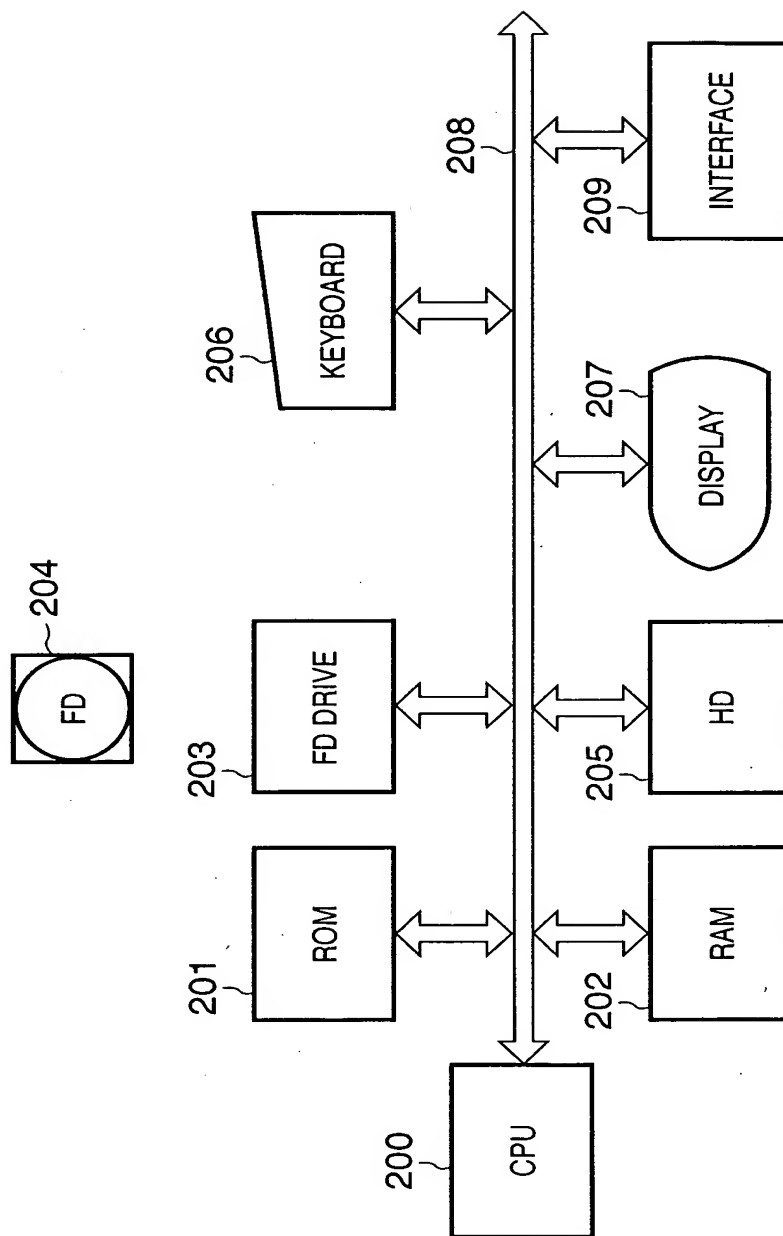
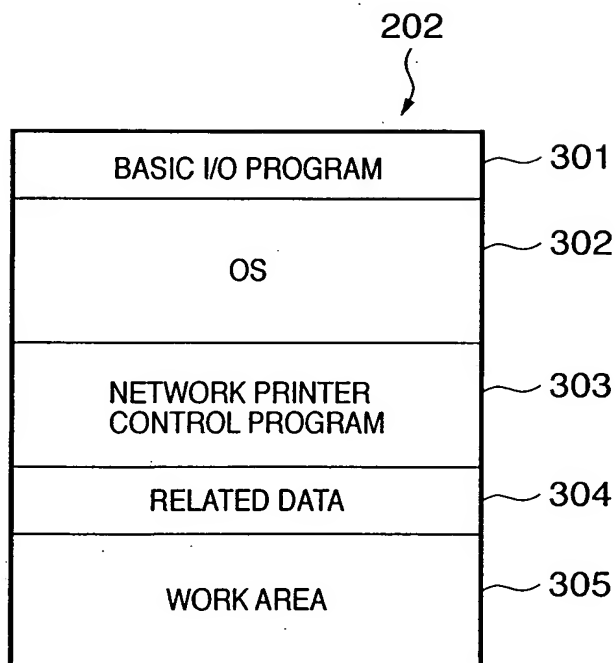
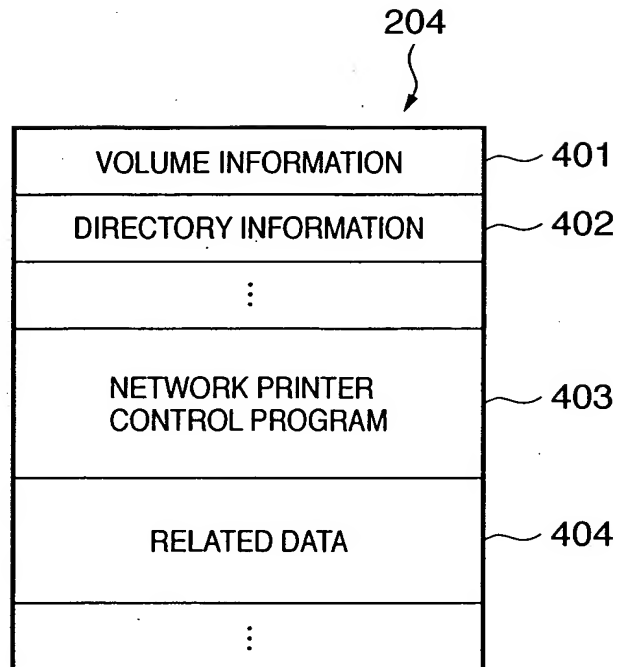


FIG. 3



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FIG. 4

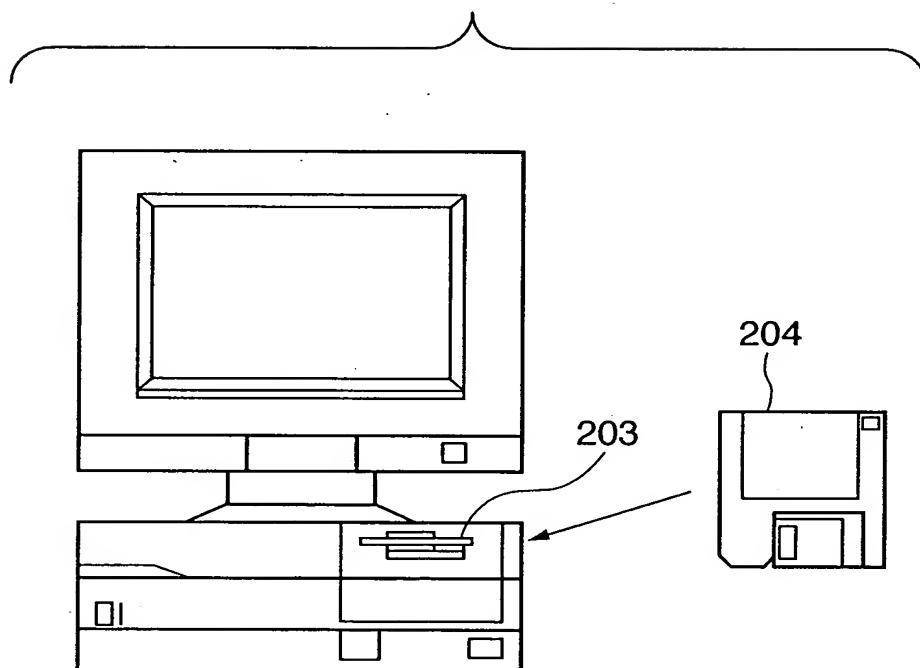


INVENTOR: JUNKO SATO
TITLE: METHOD OF CONTROLLING
PRINTING CONTROL APPARATUS
Sheet 5 of 20 Appln. No. 10/733,296
Docket No.: 00862.023383

FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100

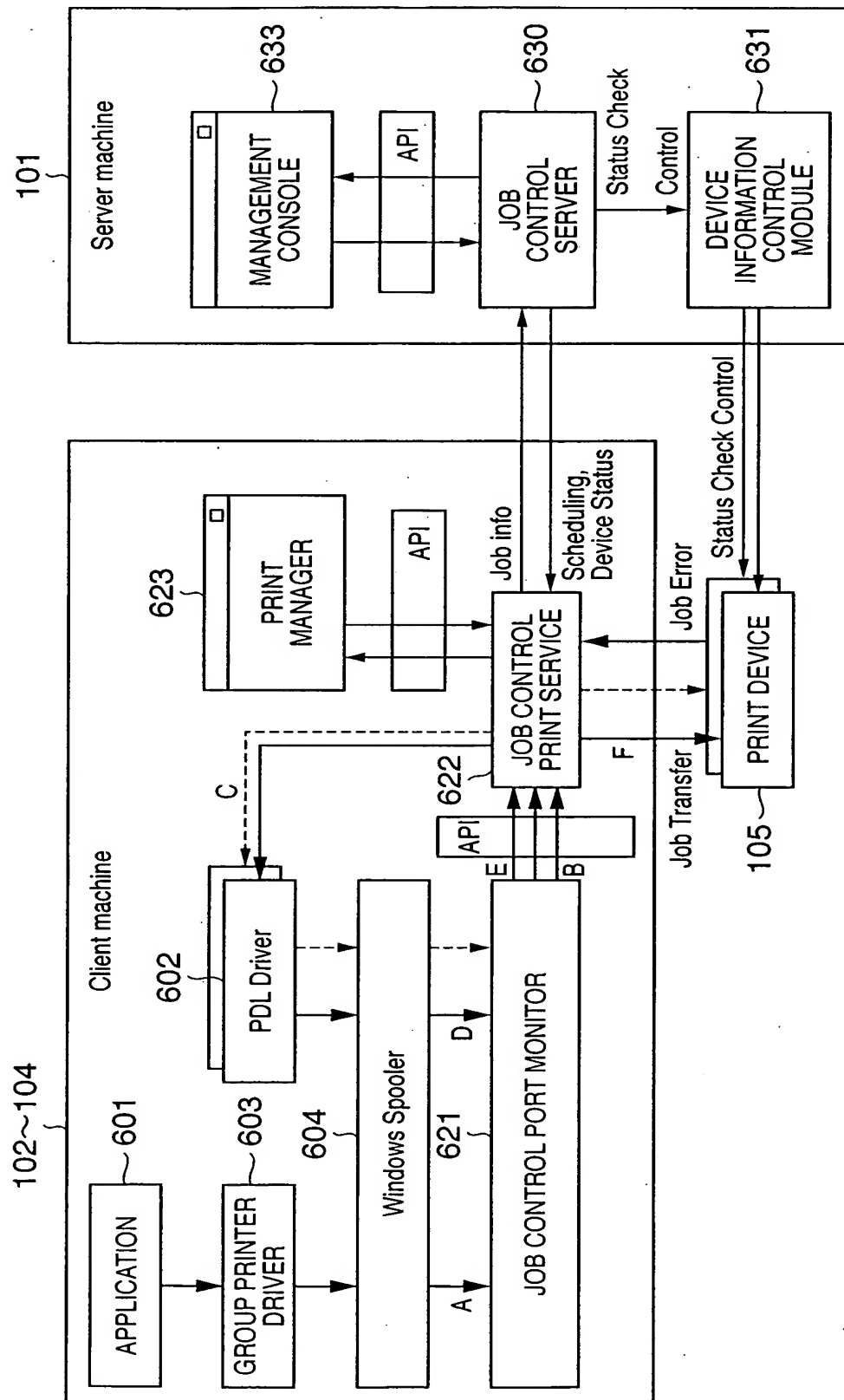
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FIG. 5



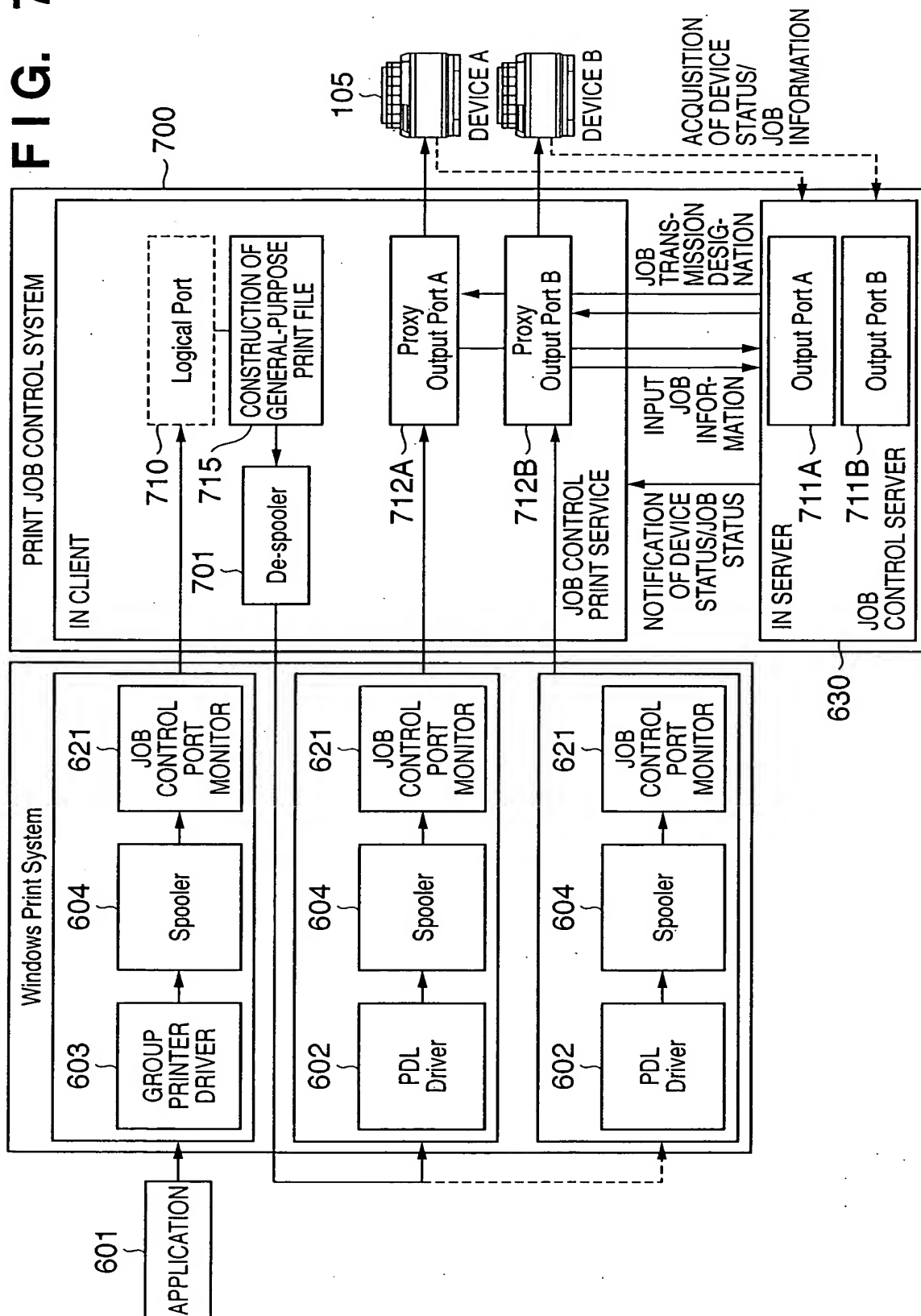
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FIG. 6



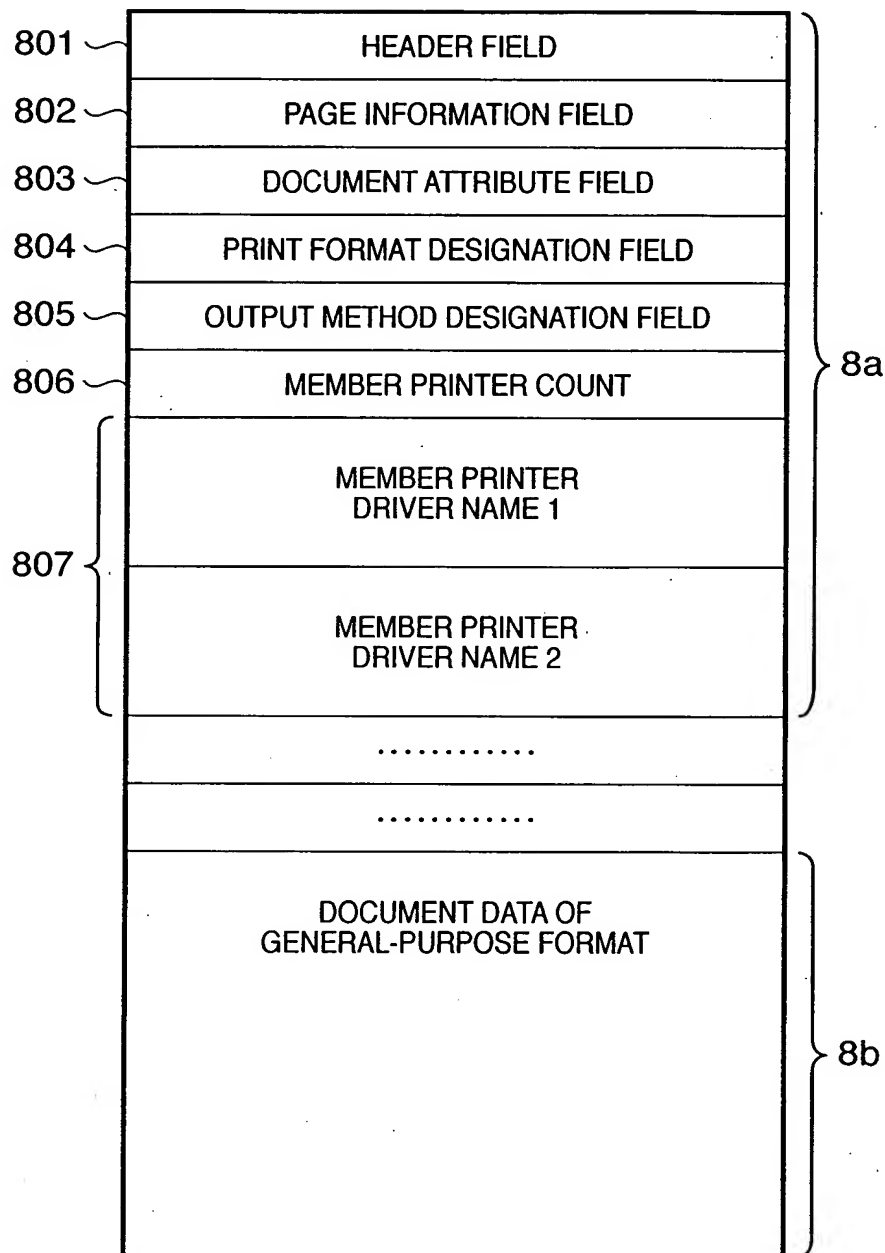
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FIG. 7



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FIG. 8



PRINT

?

×

PRINTER

PRINTER NAME (N):

PRINTER 1

STATUS:

PRINTER 1 ~ 1003

TYPE:

PRINTER 2

WHERE:

PRINTER 3

COMMENT:

PRINTER 4

PAGE RANGE

☒ ALL (A):
 ☐ CURRENT PAGE (E):
 ☐ PAGES (G):

1001

1002

ENTER PAGE NUMBERS AND/OR PAGE RANGES
SEPARATED BY COMMAS. FOR EXAMPLE, 1,3,6,4-8

1

2

1

2

1004

PROPERTIES (P)

☐ PRINT TO FILE (L)

1001

1002

☒ COLLATE (T)

1001

1002

1001

1002

ENLARGEMENT/REDUCTION

NUMBER OF PAGES PER SHEET (H):

ONE PAGE

PAPER SIZE (Z):

NONE

PRINT WHAT (W):

DOCUMENT

PRINT (R):

ALL PAGES

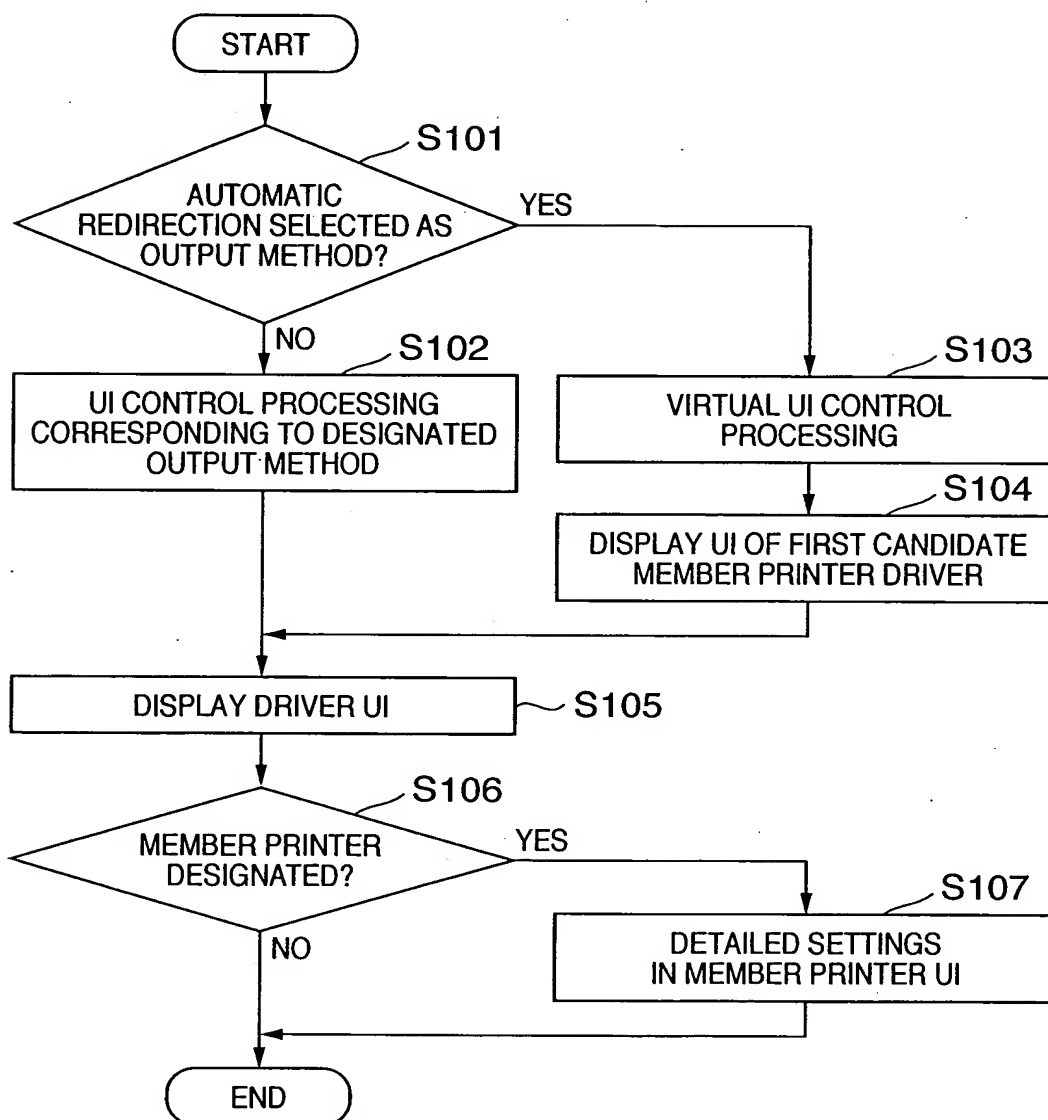
OK

CANCEL

OPTIONS (O)

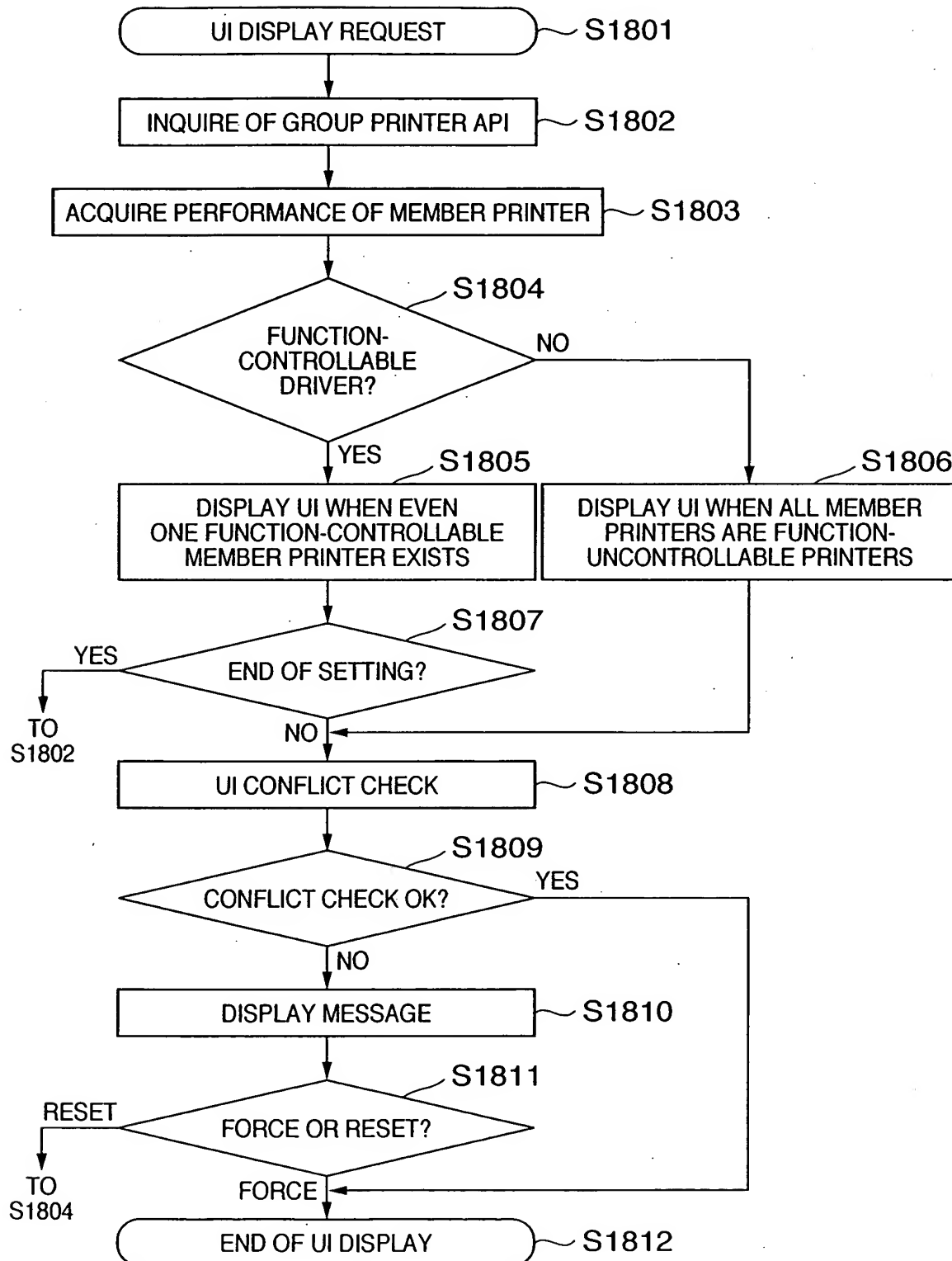
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FIG. 10



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FIG. 11



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FIG. 12A

MEMBER PRINTER ARRANGEMENT	SETTABLE ITEMS
ALL MEMBER PRINTERS ARE FUNCTION-UNCONTROLLABLE PRINTERS	COMMON SETTING ITEMS
EVEN ONE FUNCTION-CONTROLLABLE MEMBER PRINTER EXISTS	COMMON SETTING ITEMS + ENHANCED SETTING ITEMS

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FIG. 12B

	SETTING ITEMS
COMMON SETTING ITEMS	LOGICAL PAPER SIZE OUTPUT PAPER SIZE USER-DEFINED PAPER PRINTING ORIENTATION MARGIN SCALING NUMBER OF COPIES EACH COPY (GROUP, COLLATE) SORTING (NON COLLATE) PAGE LAYOUT LAYOUT ORDER DOUBLE-SIDED/SINGLE-SIDED RESOLUTION GRAYSCALE
ENHANCED SETTING ITEMS	ROTATION WATERMARK PAGE OPTION BINDING DIRECTION BINDING MARGIN STAPLING STAPLING POSITION SADDLE STITCH (BOOKBINDING PRINTING) MAXIMUM NUMBER OF SHEETS SUBJECTED TO SADDLE STITCH BOOKBINDING PRINTING METHOD OPENING DIRECTION BOOKBINDING MARGIN LOWER LIMIT VALUE OF BOOKBINDING MARGIN PUNCHING Z-FOLDING FOUR-PLANE POSTCARD MIXED PAPER LOADING INSERTER PAPER FEED METHOD PAPER FEED FIELD

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FIG. 13

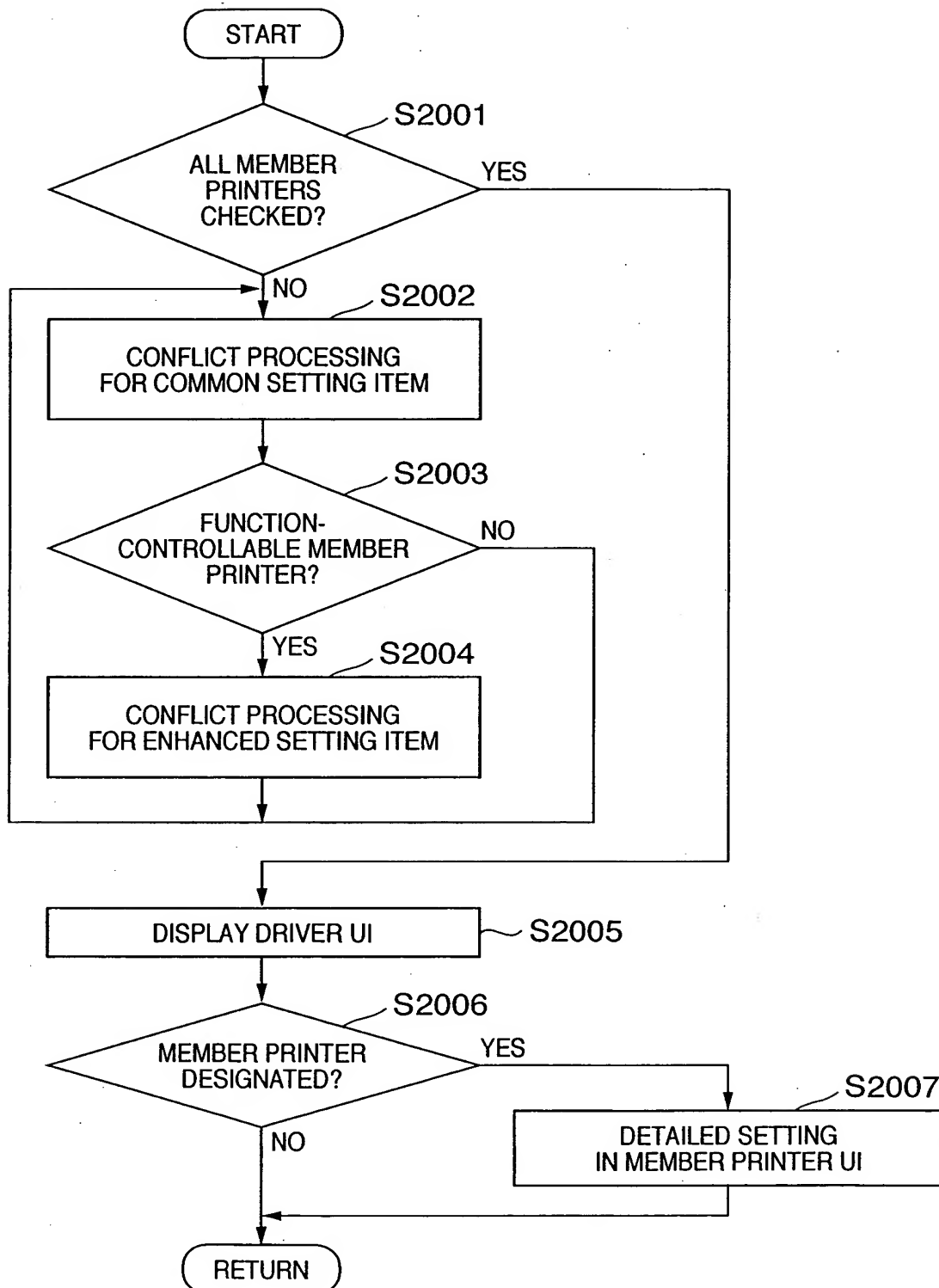


FIG. 14

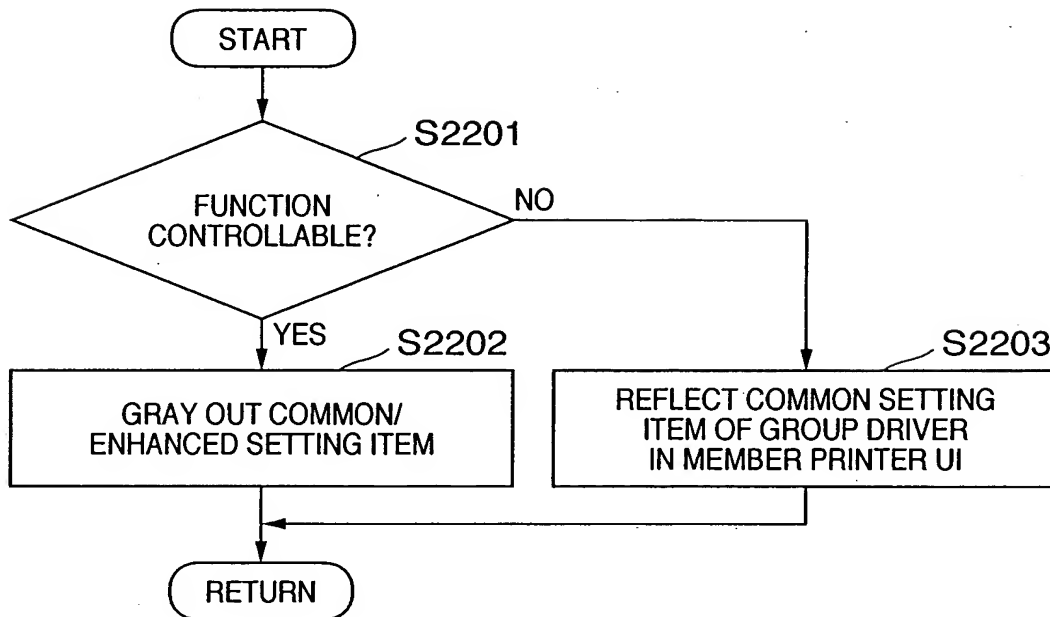
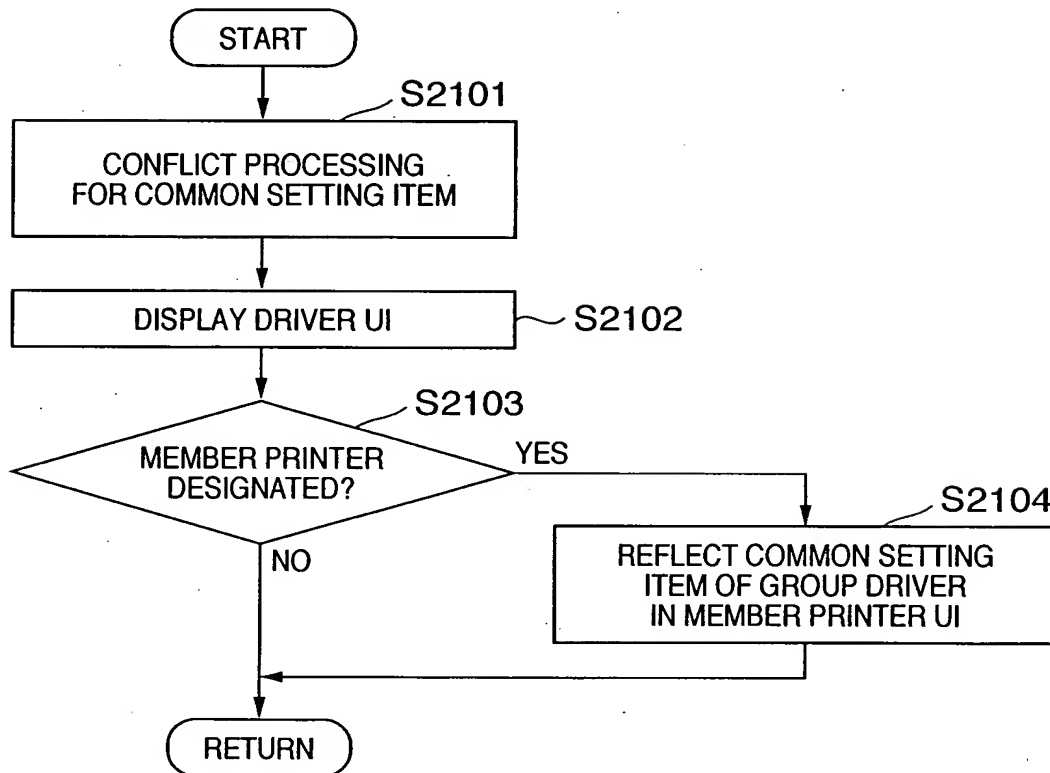


FIG. 15



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FIG. 16

160

GENERAL DETAILS SHARING PAGE SETUP FINISHING QUALITY OUTPUT METHOD

FAVORITE(E): COLOR DISPLAY

PRINTING METHOD(Y): ☒ SINGLE-SIDED PRINTING
☐ DOUBLE-SIDED PRINTING 161
☐ BOOKBINDING PRINTING 162
DETAILS OF BOOKBINDING(S) 163

BINDING DIRECTION(B):
☐ LONG-SIDE BINDING (LEFT) ☐ BINDING MARGIN(U)

A4 (SCALING: AUTO)

VIEW SETTINGS(V) ☐ COLLATE(E):

PROCESSING OPTIONS (C) RESTORE DEFAULTS (R)

OK CANCEL APPLY(A) HELP

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FIG. 17

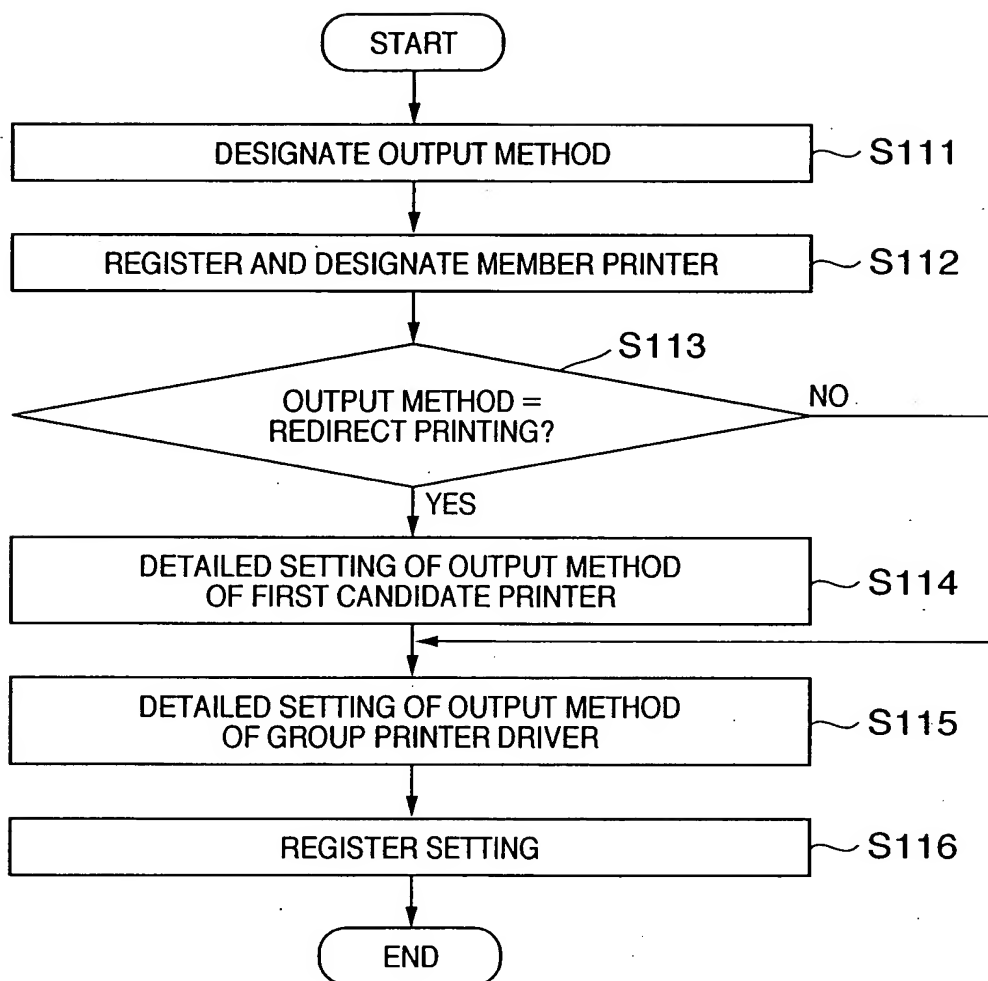



FIG. 18

12



?

X

PAGE
SETUP

FINISHING

PAPER
FEED






PRINTING
QUALITY

OUTPUT
SETUP

FAVORITE(F): STANDARD SETTING

OUTPUT METHOD(Q): REDIRECT PRINTING

OUTPUT DESTINATION(T): 12a

PRINTER NAME	STATUS	PRIORITY	PRINTER FUNCTION
 PRINTER1	<input checked="" type="checkbox"/>	FIRST	OTHERS/DOUBLE-SIDED
 PRINTER2	<input checked="" type="checkbox"/>	SECOND	OTHERS/DOUBLE-SIDED/STAPLING
 PRINTER3	<input checked="" type="checkbox"/>	THIRD	OTHERS/DOUBLE-SIDED
 PRINTER4	<input checked="" type="checkbox"/>	FOURTH	OTHERS/DOUBLE-SIDED
 PRINTER5	<input checked="" type="checkbox"/>	FIFTH	OTHERS/DOUBLE-SIDED

12c

12d

12e

12f

☐ GIVE PRIORITY TO MATCHING BETWEEN
☐ PRINT JOB AND PRINTER FUNCTIONA(G): 12b

☐ VIEW SETTINGS(V)

☐ USE DEPARTMENT MANAGING FUNCTION(J):

☐ ADD/DELETE
PRINTER(D)...

☐ SET(G)...

☐ DISPLAY LATEST
STATE(E)...

☐ UPDATE OUTPUT SETUP(U)...

OK

CANCEL

HELP

16 <div style="display: flex; justify-content: space-between; align-items: center;"> [?] [X] [?] [X] </div>				
PAGE SETUP	FINISHING	PAPER FEED	PRINTING QUALITY	
FAVORITE(F): <input checked="" type="checkbox"/> STANDARD SETTING ▼				<input checked="" type="checkbox"/> PRINT
ORIGINAL SIZE(S): A4 OUTPUT PAPER SIZE(Z): MATCH ORIGINAL SIZE ▼ COPIES(C): 1 <input type="button" value="/"/> COPIES (1~2000) ORIENTATION(T): <input checked="" type="radio"/> PORTRAIT <input type="radio"/> LANDSCAPE PAGE LAYOUT(L): <input type="button" value="ONE PAGE/SHEET (STANDARD)"/> ▼ <input type="checkbox"/> MANUAL SCALING(M): <input type="button" value="100"/> % (25~100)				<input type="button" value="RESTORE DEFAULTS(R)"/> <input type="button" value="PAGE OPTIONS(N)"/>
A4 (SCALING-AUTO)				VIEW SETTINGS(V)
<input type="button" value="OK"/> <input type="button" value="CANCEL"/> <input type="button" value="APPLY(A)"/> <input type="button" value="HELP"/>				

12-C <div style="display: flex; justify-content: space-between; align-items: center;"> [?] [X] [?] [X] </div>				
PAGE SETUP	FINISHING	PAPER FEED	PRINTING QUALITY	
FAVORITE(F): <input checked="" type="checkbox"/> STANDARD SETTING ▼				
OUTPUT METHOD(Q): REDIRECT PRINTING ▼				
OUTPUT DESTINATION(T):				
PRINTER NAME	STATUS	PRIORITY	PRINTER FUNCTION	
<input checked="" type="checkbox"/> PRINTER1		FIRST	OTHERS/DOUBLE-SIDED	
<input checked="" type="checkbox"/> PRINTER2		SECOND	OTHERS/DOUBLE-SIDED/STAPLING 12-C	
<input checked="" type="checkbox"/> PRINTER3		THIRD	OTHERS/DOUBLE-SIDED	
<input checked="" type="checkbox"/> PRINTER4		FOURTH	OTHERS/DOUBLE-SIDED	
<input checked="" type="checkbox"/> PRINTER5		FIFTH	OTHERS/DOUBLE-SIDED	
<input type="button" value="PRINTER PROPERTIES(T)..."/>				
<input type="button" value="ADD/DELETE PRINTER(D)..."/>				
<input type="button" value="VIEW SETTINGS(V)"/>				
<input type="button" value="DISPLAY LATEST STATE(E)..."/>				
<input type="button" value="UPDATE OUTPUT SETUP(U)..."/>				
<input type="button" value="OK"/> <input type="button" value="CANCEL"/> <input type="button" value="HELP"/>				